

12-26-00

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Box Utility Patent Application

"Express Mail" Mailing Label Number: EL648660159US

Date of Deposit: December 21, 2000

Assistant Commissioner for Patents
Washington DC 20231

Re: Utility Patent Application
Entitled: Regulated Expression of Cloned Genes Using a Cascade Genetic Circuit
Appl. No.: To be determined
Filed: Herewith
Inventors: Cebolla Ramirez et al.
Our Ref.: AM-00106.P.1-US

Sir:

The following documents are forwarded herewith for appropriate action by the United States Patent and Trademark Office:

1. Utility Patent Application Transmittal (in duplicate);
2. Fee Transmittal (in duplicate);
3. Declaration for Utility or Design Patent Application;
4. Assertion of Small Entity Status - NonProfit Organization;
5. Assertion of Small Entity Status - Small Business;

6. Complete U.S. Patent Application entitled:

Regulated Expression of Cloned Genes Using a Cascade Genetic Circuit

and naming as inventors

**Angel Cebolla Ramirez
Carolina Sousa Martin
Victor de Lorenzo Prieto**

the utility application comprising:

- a) Total pages of application: [37]
- b) Pages of specification: [21];
- c) Pages of Figures: [7]; Number of Figures: [7];
- d) Pages of Title Page: [1];
- e) Pages of Abstract: [1];
- f) Pages of Sequence Listing: [2]
- g) Pages of References: [3]
- h) Pages of Claims: [2]; [16] Claims;

- 7. Preliminary Amendment;
- 8. Sequence ID Listing - Paper Copy;
- 9. Sequence ID Listing - Disk;
- 10. Statement Under 37 C.F.R. 1.821 through 1.824;
- 11. Recordation of Assignment;
- 12. Assignment;
- 13. One Return Post Card; and
- 14. Our Check for \$494.00 to cover the Application Fee and Recordation Fee.

It is respectfully requested that the attached postcard be stamped with the filing date and unofficial application number and returned as soon as possible.

Please apply any charges not covered, or any credits, to **Deposit Account 501321** in the name of **David R. Preston & Associates** having **Customer No.: 24232**.

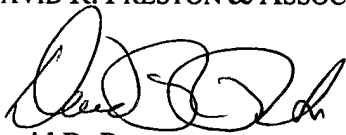
The following attorney is the attorney of record for prosecuting this application and transacting all business in the USPTO connected therewith:

David R. Preston, Esquire
Registration No. 38,710

Please send all correspondence and direct all telephone calls to:

David R. Preston
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858.450.1388

Respectfully Submitted,
DAVID R. PRESTON & ASSOCIATES



David R. Preston
Attorney for Applicant
Registration No. 38,710

| | | |
|--|--|---|
| UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)) | Attorney Docket No. | AM-00106.P.1-US |
| | First Inventor or Application Identifier | Cebolla Ramirez et al. |
| | Title | Regulated Expression of Cloned Genes Using a Cascade Genetic Circuit |
| | Express Mail Label No. | EL648660159US |
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 | |
| 1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing) 2. <input checked="" type="checkbox"/> Specification [Total Pages in application[37]] 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets [7]] 4. Oath or Declaration a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) (For continuation/divisional with Box 16 completed) i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application See 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). *NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27); EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28). 5. <input type="checkbox"/> Microfiche Computer Program (Appendix) 6. Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary) a. <input checked="" type="checkbox"/> Computer Readable Copy b. <input checked="" type="checkbox"/> Paper Copy (identical to computer copy) c. <input checked="" type="checkbox"/> Statement verifying identity of above copies | | |

PTO
09/746567
12/21/00

ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & documents(s))
 8. ☐ 37 C.F.R. § 3.73(b) Statement
 (when there is an assignee)
 ☒ Power of Attorney
 9. ☐ English Translation Document (if applicable)
 10. ☐ Information Disclosure Statement (IDS)/PTO-1449
 ☐ Copies of IDS Citations
 11. ☒ Preliminary Amendment
 12. ☒ Return Receipt Postcard (MPEP 503)
 (Should be specifically itemized)
 13. ☒ * Small Entity Assertions
 ☐ Statement filed in prior application. Status still proper and desired
 14. ☐ Certified Copy of Priority Document(s)
 (If foreign priority is claimed)
 15. ☒ Other: Certificate of Mailing by Express Mail

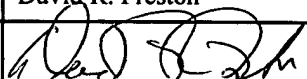
16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) Of prior application No: _____
 Prior application Information: Examiner _____ Group Art Unit _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE INFORMATION

☒ Customer Number 24232 or Bar Code Label [] or
☐ Correspondence address below

| | | | |
|--------------------------|---|---------------------|----------|
| Name | David R. Preston | | |
| Address | 11404 Sorrento Valley Road, Suite 104 | | |
| City, State and Zip Code | San Diego, California 92121 | | |
| Country | USA | | |
| Telephone | 858.450.1388 | | |
| Facsimile | 858.450.2188 | | |
| Name | David R. Preston | Registration Number | 38,710 |
| Signature |  | Date | 12/21/00 |

Corresponds to PTO/SB/05

| FEE TRANSMITTAL | | Complete if Known | |
|---|-----------|-----------------------|------------------------|
| Patent fees are subject to annual revision on October 1. These are the fees effective October 1, 1997. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28. | | Application Number: | To be determined |
| | | Filing Date: | Herewith |
| | | First Named Inventor: | Cebolla Ramirez et al. |
| | | Group / Art Unit: | To be determined |
| Total Amount of Payment | \$ 575.00 | Docket Number: | AM-00106.P.1-US |

| METHOD OF PAYMENT | |
|---|--|
| 1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to: Deposit Account Number: <input type="checkbox"/> Deposit Account Name: <input type="checkbox"/> <input type="checkbox"/> Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 C.F.R. § 1.18 at the Mailing of the Notice of Allowance. | |
| 2. <input checked="" type="checkbox"/> Payment Enclosed <input checked="" type="checkbox"/> Check Number <u>587</u> <input type="checkbox"/> Money Order <input type="checkbox"/> Other | |

| FEE CALCULATION | | | | | | |
|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------|
| 1. BASIC FILING FEE | | | | | | |
| | Large Entity Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
| | 101 | | 201 | 355.00 | Utility Filing Fee | \$ 355.00 |
| | 106 | | 206 | | Design Filing Fee | \$ |
| | 107 | | 207 | | Plant Filing Fee | \$ |
| | 108 | | 208 | | Reissue Filing Fee | \$ |
| | 114 | | 214 | | Provisional Filing Fee | \$ |
| SUBTOTAL (1) | | | | | | \$ 355.00 |

2. EXTRA CLAIM FEES

| | | | | Extra Claims | | Fee From Below | | Fee Paid |
|-----------------------|------|--------|--------|-----------------|-------|-------------------|--------|----------|
| Total Claims | [31] | -20 ** | Equals | [11] | Times | [9.00] | Equals | \$99.00 |
| Independent Claims | [3] | -3 ** | Equals | [0] | Times | [0] | Equals | \$ 0.00 |
| Subtotal (2) | | | | | | | | \$99.00 |

** or number previously paid, if greater, For Reissues, see below

| | Large Entity | | Small Entity | | Fee Description |
|--|--------------|----------|--------------|----------|--|
| | Fee Code | Fee (\$) | Fee Code | Fee (\$) | |
| | 103 | | 203 | 9.00 | Claims in excess of 20 |
| | 102 | | 202 | | Independent claims in excess of 3 |
| | 104 | | 204 | | Multiple dependent claim, if not paid |
| | 109 | | 209 | | ** Reissue independent claims over original patent |
| | 110 | | 210 | | ** Reissue claims in excess of 20 and over original patent |

3. ADDITIONAL FEES

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|----------------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 105 | | 205 | | Surcharge - late filing fee or oath | \$ |
| 127 | | 227 | | Surcharge - late provisional filing fee or cover sheet | \$ |
| 139 | | 139 | | Non-English specification | \$ |
| 147 | | 147 | | For filing a request for reexamination | \$ |
| 112 | | 112 | | Requesting publication of SIR prior to Examiner action | \$ |
| 113 | | 113 | | Requesting publication of SIR after Examiner action | \$ |
| 115 | | 215 | | Extension for reply within first month | \$ |
| 116 | | 216 | | Extension for reply within second month | \$ |
| 117 | | 217 | | Extension for reply within third month | \$ |
| 118 | | 218 | | Extension for reply within fourth month | \$ |
| 128 | | 228 | | Extension for reply within fifth month | \$ |
| 119 | | 219 | | Notice of Appeal | \$ |
| 120 | | 220 | | Filing a brief in support of an appeal | \$ |
| 121 | | 221 | | Request for oral hearing | \$ |
| 138 | | 138 | | Petition to institute a public use proceeding | \$ |
| 140 | | 240 | | Petition or revive - unavoidable | \$ |
| 141 | | 241 | | Petition or revive - unintentional | \$ |
| 142 | | 242 | | Utility issue fee (or reissue) | \$ |
| 143 | | 243 | | Design issue fee | \$ |
| 144 | | 244 | | Plant issue fee | \$ |
| 122 | | 122 | | Petitions to the Commissioner | \$ |
| 123 | | 123 | | Petitions related to provisional applications | \$ |
| 126 | | 126 | | Submission of Information Disclosure Statement | \$ |
| 581 | | 581 | | Recording each patent assignment per property | \$ 40.00 |
| 146 | | 246 | | Filing a submission after final rejection (37 C.F.R. 1.129(a)) | \$ |
| 149 | | 249 | | For each additional invention to be examined (37 CFR 1.129(b)) | \$ |
| Other fee (specify): | | | | | \$ |
| Subtotal (3) | | | | | \$ 40.00 |

UTILITY
PATENT APPLICATION

on

REGULATED EXPRESSION OF CLONED GENES USING A CASCADE GENETIC
CIRCUIT

by

Angel Cebolla Ramirez, Carolina Sousa Martin and Victor de Lorenzo Prieto,

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" MAILING LABEL NUMBER EL648660159US

DATE OF DEPOSIT Dec 21, 2000

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231

David R Preston
(Typed or printed name of person mailing paper or fee)


(Signature of person mailing paper or fee)

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